

S. Prasad

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/491,982

DATE: 06/26/2001

TIME: 16:03:22

Input Set : N:\Crf3\06052001\I491982.raw

Output Set: N:\CRF3\06262001\I491982.raw

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1 <110> APPLICANT: Shaughnessy, S.
2 Austin, R.
3 <120> TITLE OF INVENTION: OSTEOPOROSIS TREATMENT
4 <130> FILE REFERENCE: MDSP-P02-180
5 <140> CURRENT APPLICATION NUMBER: US/09/491,982
6 <141> CURRENT FILING DATE: 2000-01-27
7 <150> PRIOR APPLICATION NUMBER: 09/314,152
8 <151> PRIOR FILING DATE: 1999-05-19
9 <160> NUMBER OF SEQ ID NOS: 11
10 <170> SOFTWARE: PatentIn Ver. 2.1
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13 <211> LENGTH: 20
14 <212> TYPE: PRT
15 <213> ORGANISM: Homo sapiens
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19 Pro His Phe Leu
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33 <211> LENGTH: 1140
34 <212> TYPE: DNA
35 <213> ORGANISM: Mus musculus
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39 ggcaggcccg tgatgctgtg ctgccccgga gtgagtgtg ggactccagt gtcctgggtt 180
40 cgggatggag attcaaggct gctccaggga cctgactctg ggtaggaca caaactgggtc 240
41 ttggcccagg tggacagccc tgatgaaggc acttatgtct gccagaccct ggatgggtgta 300
42 tcagggggca tggtagccct gaagctgggc tttccccag cacgtcctga agtctcctgc 360
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44 cccaccgcgt accttacttc ctacaggaag aagacgctgc caggagctga gagtccagagg 480
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52      gctggcacct ggagcgcctg gagcccagag gcctggggta ctctagcac tgggtcccctg 960
53      caggatgaga tacctgattg gagccaggga cacggacagc agctagaggc agtagtagct 1020
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90 <223> OTHER INFORMATION: Xaa=basic amino acid
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139           20               25               30
140   Pro Gly Val Gln Tyr Gly Gln Pro Gly Arg Ser Val Lys Leu Cys Cys
141       35               40               45
142   Pro Gly Val Thr Ala Gly Asp Pro Val Ser Trp Phe Arg Asp Gly Glu
143       50               55               60
144   Pro Lys Leu Leu Gln Gly Pro Asp Ser Gly Leu Gly His Glu Leu Val
145       65               70               75               80
146   Leu Ala Gln Ala Asp Ser Thr Asp Glu Gly Thr Tyr Ile Cys Gln Thr
147           85               90               95
148   Leu Asp Gly Ala Leu Gly Gly Thr Val Thr Leu Gln Leu Gly Tyr Pro
149       100               105               110
150   Pro Ala Arg Pro Val Val Ser Cys Gln Ala Ala Asp Tyr Glu Asn Phe
151       115               120               125
152   Ser Cys Thr Trp Ser Pro Ser Gln Ile Ser Gly Leu Pro Thr Arg Tyr
153       130               135               140
154   Leu Thr Ser Tyr Arg Lys Lys Thr Val Leu Gly Ala Asp Ser Gln Arg
155       145               150               155               160
156   Arg Ser Pro Ser Thr Gly Pro Trp Pro Cys Pro Gln Asp Pro Leu Gly

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159				180				185					190
160	Ile	Asn	Val	Thr	Glu	Val	Asn	Pro	Leu	Gly	Ala	Ser	Thr
161				195				200					205
162	Asp	Val	Ser	Leu	Gln	Ser	Ile	Leu	Arg	Pro	Asp	Pro	Pro
163				210				215					220
164	Arg	Val	Glu	Ser	Val	Pro	Gly	Tyr	Pro	Arg	Arg	Leu	Arg
165													
166	Thr	Tyr	Pro	Ala	Ser	Trp	Pro	Cys	Gln	Pro	His	Phe	Leu
167													
168	Arg	Leu	Gln	Tyr	Arg	Pro	Ala	Gln	His	Pro	Ala	Trp	Ser
169													
170	Pro	Ala	Gly	Leu	Glu	Glu	Val	Ile	Thr	Asp	Ala	Val	Ala
171													
172	His	Ala	Val	Arg	Val	Ser	Ala	Arg	Asp	Phe	Leu	Asp	Ala
173													
174	Ser	Thr	Trp	Ser	Pro	Glu	Ala	Trp	Gly	Thr	Pro	Ser	Thr
175													
176	Pro	Lys	Glu	Ile	Pro	Ala	Trp	Gly	Gln	Leu	His	Thr	Gln
177													
178	Glu	Pro	Gln	Val	Asp	Ser	Pro	Ala	Pro	Pro	Arg	Pro	Ser
179													
180	His	Pro	Arg	Leu	Leu	Asp	His	Arg	Asp	Ser	Val	Glu	Gln
181													
182	Leu	Ala	Ser	Leu	Gly	Ile	Leu	Ser	Phe	Leu	Gly	Leu	Val
183													
184	Leu	Ala	Leu	Gly	Leu	Trp	Leu	Arg	Leu	Arg	Arg	Gly	Gly
185													
186	Ser	Pro	Lys	Pro	Gly	Phe	Leu	Ala	Ser	Val	Ile	Pro	Val
187													
188	Pro	Gly	Ala	Pro	Asn	Leu							
189													

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L:94 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9